

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0536 Reclamation District No. 0536 Egbert	Overall LMA Rating	Total LMA Miles						
	U	10.63						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	14.27	12.97	66.15	622.30%				
Trim / Thin Trees	0.01		0.01	0.09%				
Encroachments	0.06		0.06	0.56%	0.84			
Erosion / Bank Caving	0.01	0.01	0.05	0.47%				
Cracking	0.62		0.62	5.83%				
Crown Surface / Depressions / Rutting	6.61	2.66	17.25	162.28%				
Repair Gates		0.01	0.04	0.38%				
Operations & Maintenance Manuals	0.11		0.11	1.04%				
Emergency Supplies & Equipment	0.11		0.11	1.04%				
Flood Preparedness & Training	0.11		0.11	1.04%				
<i>Supplemental</i>								
USACE Erosion Survey	0.38		0.38	3.58%				
<i>LMA Totals:</i>	22.28	15.65	84.88	798.49%	0.84	0.00	0.00	0.00

Unit No. 01 Lindsey Slough RB RD0536	Overall Unit Rating	Total Unit Miles						
	U	5.66						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	9.40	3.13	21.92	387.28%				
Trim / Thin Trees	0.01		0.01	0.18%				
Erosion / Bank Caving		0.01	0.04	0.71%				
Cracking	0.62		0.62	10.95%				
Crown Surface / Depressions / Rutting	2.61	1.90	10.21	180.39%				
Repair Gates		0.01	0.04	0.71%				
<i>Supplemental</i>								
USACE Erosion Survey	0.38		0.38	6.71%				
<i>Unit Totals:</i>	13.02	5.05	33.22	586.93%	0.00	0.00	0.00	0.00

Unit No. 02 Yolo Bypass RB RD0536	Overall Unit Rating	Total Unit Miles						
	U	4.97						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	4.87	9.84	44.23	889.94%				
Encroachments	0.06		0.06	1.21%	0.84			
Erosion / Bank Caving	0.01		0.01	0.20%				
Crown Surface / Depressions / Rutting	4.00	0.76	7.04	141.65%				
<i>Unit Totals:</i>	8.94	10.60	51.34	1033.00%	0.84	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**

LMA District Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0536 Egbert

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Right	5.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/24/2012 - 04/24/2012		11/28/2012 - 11/28/2012	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No.	Levee Mile		Category	Item	* Location +	** Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
1	Earthen Levee	Flood Preparedness & Training	LS M	Ma						°	° 38
										°	°
										DWR ID: DWR_RD0536_01_s_2012_38	
2	Earthen Levee	Operations & Maintenance Manuals	LS M	Ma	Inspector Comments: District needs to get a copy of the O&M manual.					°	° 39
										°	°
										DWR ID: DWR_RD0536_01_s_2012_39	
3	Earthen Levee	Emergency Supplies & Equipment	LS M	Ma	Inspector Comments: The district should keep a supply of flood fight materials.					°	° 40
										°	°
										DWR ID: DWR_RD0536_01_s_2012_40	
4	0.00 0.00	Earthen Levee	Vegetation	LS M	V1 : Control annual grass and weeds on the levee slopes Ma and easements.					°	° 43
										°	° Y
										DWR ID: DWR_RD0536_01_f_2012_43	
5	0.61 1.80	Earthen Levee	Vegetation	CR M	V2 : Remove the wild growth other than native grasses Ma from the levee slopes.					38.248952 ° 38.259810 ° 9 -121.760541 ° -121.749215 °	
										DWR ID: DWR_RD0536_01_s_2012_9	
6	0.63 1.78	Earthen Levee	Vegetation	CR M	V1 : Control annual grass and weeds on the levee slopes Ma and easements.					38.249064 ° 38.259617 ° 3 -121.760256 ° -121.749774 °	
										DWR ID: DWR_RD0536_01_f_2012_3	
7	0.64 0.64	Earthen Levee	Vegetation	LS M	V2 : Remove the wild growth other than native grasses Ma from the levee slopes.					38.249170 ° 38.249170 ° 6 -121.760185 ° -121.760185 °	
										DWR ID: DWR_RD0536_01_s_2012_6	
8	0.67 0.98	Supplemental USACE Erosion Survey	WS M	Ma	Inspector Comments: 2011 - Multiple sections of slumping bank. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: LDS_0-6_R]					38.249615 ° 38.253717 ° 7 -121.760165 ° -121.757979 °	
										DWR ID:	
9	0.74 0.75	Earthen Levee	Erosion / Bank Caving	LS U	E1 : Note and monitor erosion site. Ma					38.250540 ° 38.250543 ° 4 -121.759392 ° -121.759387 ° Y	
										DWR ID: DWR_RD0536_01_s_2012_4	
10	0.93 4.28	Earthen Levee	Vegetation	WS M	V2 : Remove the wild growth other than native grasses Ma from the levee slopes.					38.250750 ° 38.248661 ° 27 -121.749210 ° -121.717443 °	
										DWR ID: DWR_RD0536_01_s_2012_27	
11	1.09 1.80	Earthen Levee	Vegetation	LS C	V2 : Remove the wild growth other than native grasses Ma from the levee slopes.					38.255387 ° 38.259808 ° 12 -121.757609 ° -121.749214 °	
										DWR ID: DWR_RD0536_01_s_2012_12	
12	1.27 3.74	Earthen Levee	Crown Surface / Depressions / Rutting	CR M	C2 : Repair depressions or ruts in the crown or slope. Ma					38.257888 ° 38.251710 ° 8 -121.757461 ° -121.726261 °	
										DWR ID: DWR_RD0536_01_f_2012_8	
13	1.55 1.78	Earthen Levee	Vegetation	WS M	V1 : Control annual grass and weeds on the levee slopes Ma and easements.					38.258648 ° 38.259619 ° 10 -121.753400 ° -121.749772 °	
										DWR ID: DWR_RD0536_01_f_2012_10	
14	1.72 1.76	Earthen Levee	Cracking	CR M	CR1 : Monitor and have inspected by geotechnical engineer. Ma					38.259846 ° 38.259735 ° 14 -121.750813 ° -121.749959 °	
										DWR ID: DWR_RD0536_01_s_2012_14	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
15	1.76	3.67	Earthen Levee	Vegetation	LS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.259692 ° -121.749956 °	38.252630 ° -121.726542 °	11 Y	DWR ID: DWR_RD0536_01_f_2012_11
16	2.18	2.19	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	M	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.	38.258019 ° -121.744444 °	38.258093 ° -121.744052 °	23	DWR ID: DWR_RD0536_01_f_2012_23
17	2.26	2.26	Earthen Levee	Trim / Thin Trees	WS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.258345 ° -121.742915 °	38.258345 ° -121.742915 °	26	DWR ID: DWR_RD0536_01_f_2012_26
18	2.49	2.49	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	M	C3 : Add appropriate gravel or road base. Grade and compact.	38.257663 ° -121.739072 °	38.257663 ° -121.739072 °	30	DWR ID: DWR_RD0536_01_f_2012_30
19	2.56	2.68	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	M	C3 : Add appropriate gravel or road base. Grade and compact.	38.256964 ° -121.738473 °	38.255321 ° -121.738085 °	31	DWR ID: DWR_RD0536_01_f_2012_31
20	2.68	3.20	Earthen Levee	Cracking	CR Ma	M	CR1 : Monitor and have inspected by geotechnical engineer.	38.255315 ° -121.738007 °	38.256003 ° -121.729599 °	18	DWR ID: DWR_RD0536_01_s_2012_18
21	2.75	4.65	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	U	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.	38.255004 ° -121.736918 °	38.248001 ° -121.711841 °	35 Y	DWR ID: DWR_RD0536_01_s_2012_35
22	2.85	3.74	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.255312 ° -121.735273 °	38.251619 ° -121.726119 °	19	DWR ID: DWR_RD0536_01_s_2012_19
23	3.38	3.77	Earthen Levee	Vegetation	WS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.252640 ° -121.726552 °	38.251332 ° -121.725900 °	17 Y	DWR ID: DWR_RD0536_01_f_2012_17
24	3.38	3.44	Earthen Levee	Cracking	CR Ma	M	CR1 : Monitor and have inspected by geotechnical engineer.	38.256471 ° -121.726605 °	38.255736 ° -121.726059 °	20	DWR ID: DWR_RD0536_01_s_2012_20
25	3.68	3.68	Earthen Levee	Repair Gates	CR Ma	U	Inspector Comments: This gate hasn't been repaired. 11-28-2012.	38.252578 ° -121.726439 °	38.252578 ° -121.726439 °	36 Y	DWR ID: DWR_RD0536_01_s_2012_36
26	3.93	4.19	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.250728 ° -121.722992 °	38.249578 ° -121.718768 °	32	DWR ID: DWR_RD0536_01_f_2012_32
27	4.19	4.26	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This levee section has problems with not only vegetation on the crown roadway but there are cattle that have caused some damage to the crown. 5-6-2010, during this inspection, I see that the District has mowed a section of levee.	38.249522 ° -121.718727 °	38.248725 ° -121.717858 °	21	DWR ID: DWR_RD0536_01_s_2012_21

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo
	Start	End						Start	End		
28	4.20	4.61	Earthen Levee	Vegetation	WS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.249576 °	38.248467 °	34	
								-121.718753 °	-121.712175 °	Y	DWR ID: DWR_RD0536_01_f_2012_34
29	4.47	4.63	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.249102 °	38.248314 °	28	
								-121.714504 °	-121.712021 °		DWR ID: DWR_RD0536_01_s_2012_28
30	4.62	4.64	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.248317 °	38.248118 °	13	
								-121.712075 °	-121.711935 °		DWR ID: DWR_RD0536_01_s_2012_13
31	4.77	5.59	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.246521 °	38.245411 °	37	
								-121.711068 °	-121.697309 °		DWR ID: DWR_RD0536_01_f_2012_37
32	4.84	5.59	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.245702 °	38.245418 °	41	
								-121.710272 °	-121.697306 °		DWR ID: DWR_RD0536_01_f_2012_41
33	4.94	4.96	Supplemental USACE Erosion Survey	WS Ma	M		Inspector Comments: 2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion. 2012: No observed change. [2012 Site ID: LDS_0-8_R]	38.245581 °	38.245667 °	15	
								-121.708605 °	-121.708327 °	Y	
34	4.99	5.04	Supplemental USACE Erosion Survey	WS Ma	M		Inspector Comments: 2011 - Levee toe is unraveling with large slumping sections. This site is downstream of old bank rock. 2012: Erosion pocket appears larger than previous year. [2012 Site ID: LDS_0-7_R]	38.245981 °	38.246326 °	16	
								-121.707609 °	-121.706737 °	Y	
35	5.17	5.59	Earthen Levee	Vegetation	LS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.245333 °	38.245413 °	42	
								-121.704724 °	-121.697309 °	Y	DWR ID: DWR_RD0536_01_f_2012_42
36	5.19	5.46	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.245225 °	38.245622 °	24	
								-121.704660 °	-121.699617 °	Y	
											DWR ID: DWR_RD0536_01_s_2012_24
37	5.21	5.40	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.245339 °	38.245786 °	29	
								-121.704304 °	-121.700859 °		DWR ID: DWR_RD0536_01_s_2012_29
38	5.39	5.42	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.245602 °	38.245628 °	5	
								-121.702037 °	-121.700970 °		DWR ID: DWR_RD0536_01_s_2012_5

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+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/28/2012 11/28/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 536 Unit 1 Looking downstream from levee mile 0.00. Photo taken 11-28-2012.	
phillips_f_20121206_466.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.74
End Levee Mile	0.75
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
This erosion was noted in prior inspections during the spring of 2011 and the spring of 2012. Photo taken 11-28-2012.	
phillips_f_20121206_471.jpg	



Levee Mile Report Line	15
Start Levee Mile	1.76
End Levee Mile	3.67
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 536 Unit 1, unsatisfactory growth on the landside. Photo taken 11-28-2012.	
phillips_f_20121206_467.jpg	



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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/28/2012 11/28/2012	Herman Phillips

Levee Mile Report Line	21
Start Levee Mile	2.75
End Levee Mile	4.65
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
RD 536, unsatisfactory growth on the crown. The crown should be free of grasses. Photo taken 11-28-2012.	
phillips_f_20121206_472.jpg	



Levee Mile Report Line	23
Start Levee Mile	3.38
End Levee Mile	3.77
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 536, wild growth on waterside of levee section, can't see the slope. Photo taken 11-28-2012.	
phillips_f_20121206_473.jpg	



Levee Mile Report Line	25
Start Levee Mile	3.68
End Levee Mile	3.68
Location	Crown
Category	Earthen Levee
Item	Repair Gates
Repair this gate. Someone could get hurt trying to open and close this gate. 4-24-2012.	
phillips_f_20120911_211.jpg	



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Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/28/2012 11/28/2012	Herman Phillips

Levee Mile Report Line	28
Start Levee Mile	4.20
End Levee Mile	4.61
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 536, wild growth waterside. Photo taken 11-28-2012.	
phillips_f_20121206_468.jpg	



Levee Mile Report Line	33
Start Levee Mile	4.94
End Levee Mile	4.96
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2012_LDS_0-8_R_1.jpg	



Levee Mile Report Line	33
Start Levee Mile	4.94
End Levee Mile	4.96
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2012_LDS_0-8_R_2.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/28/2012 11/28/2012	Herman Phillips

Levee Mile Report Line	34
Start Levee Mile	4.99
End Levee Mile	5.04
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2012_LDS_0-7_R_1.jpg



Levee Mile Report Line	34
Start Levee Mile	4.99
End Levee Mile	5.04
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2012_LDS_0-7_R_2.jpg



Levee Mile Report Line	35
Start Levee Mile	5.17
End Levee Mile	5.59
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 536, wild wooded growth landside slope.
Photo taken 11-28-2012.

phillips_f_20121206_469.jpg



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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/28/2012 11/28/2012	Herman Phillips

Levee Mile Report Line	36
Start Levee Mile	5.19
End Levee Mile	5.46
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Overgrown slope waterward along levee mile 5.19-5.46. Photo taken 4-24-2012.	
phillips_f_20120911_203.jpg	



* Location LS : Land Side WS : Water Side CR : Crown

** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Right	4.97
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/25/2012 - 04/25/2012		11/28/2012 - 11/28/2012	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Yolo Bypass							Right	4.97	11/28/2012 11/28/2012	Herman Phillips	
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
1	0.00	0.00	Earthen Levee	Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.				38.244563 ° -121.697132 °	38.244563 ° -121.697132 ° Y
										DWR ID: DWR_RD0536_02_s_2012_6	
2	0.01	0.06	Earthen Levee	Encroachments	LS Ma	EQ : Equipment				38.244240 ° -121.696830 °	38.243630 ° -121.696470 ° Y
										DWR ID: DWR_RD0536_02_s_2012_5	
3	0.01	4.91	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.				38.244363 ° -121.697075 °	38.198780 ° -121.709691 ° Y
										DWR ID: DWR_RD0536_02_f_2012_3	
4	0.03	4.91	Earthen Levee	Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.				38.244191 ° -121.696960 °	38.198780 ° -121.709691 ° Y
										DWR ID: DWR_RD0536_02_f_2012_9	
5	0.04	0.10	Earthen Levee	Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.				38.244049 ° -121.696944 °	38.243189 ° -121.697061 ° Y
										DWR ID: DWR_RD0536_02_f_2012_8	
6	0.04	2.09	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	C2 : Repair depressions or ruts in the crown or slope.				38.243813 ° -121.696933 °	38.214528 ° -121.693788 °
										DWR ID: DWR_RD0536_02_s_2012_1	
7	0.10	0.76	Earthen Levee	Vegetation	CR Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.				38.243047 ° -121.697008 °	38.233617 ° -121.697980 °
										DWR ID: DWR_RD0536_02_s_2012_4	
8	0.64	0.64	Earthen Levee	Encroachments	LS Ma	PI : Pipe				38.235411 ° -121.697981 °	38.235411 ° -121.697981 °
										DWR ID: DWR_RD0536_02_s_2012_11	
9	0.77	2.15	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	C3 : Add appropriate gravel or road base. Grade and compact.				38.233467 ° -121.698007 °	38.214050 ° -121.693725 °
										DWR ID: DWR_RD0536_02_f_2012_16	
10	1.09	1.15	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	C2 : Repair depressions or ruts in the crown or slope.				38.228881 ° -121.697754 °	38.227928 ° -121.697621 °
										DWR ID: DWR_RD0536_02_s_2012_2	
11	2.10	2.98	Earthen Levee	Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.				38.214666 ° -121.693969 °	38.203122 ° -121.687179 °
										DWR ID: DWR_RD0536_02_s_2012_14	
12	2.10	3.06	Earthen Levee	Vegetation	WS Ma	V1 : Control annual grass and weeds on the levee slopes and easements.				38.214665 ° -121.693969 °	38.202240 ° -121.686573 °
										DWR ID: DWR_RD0536_02_s_2012_13	
13	2.22	2.98	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.				38.213004 ° -121.693260 °	38.203083 ° -121.687280 ° Y
										DWR ID: DWR_RD0536_02_s_2012_18	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass								Right	4.97	11/28/2012 11/28/2012	Herman Phillips
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
14	2.54	4.90	Earthen Levee	Vegetation	CR M Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Crown should be free from grasses. The levee should be an all weather road with gravel and hard surface to drive during winter months.	38.208798 ° -121.691057 °	38.198780 ° -121.709691 °	17		
15	2.57	3.41	Earthen Levee	Encroachments	WS M En	CR : Crops	38.208395 ° -121.690818 °	38.197674 ° -121.683771 °	19		
16	3.43	3.94	Earthen Levee	Crown Surface / Depressions / Rutting	CR M Ma	C2 : Repair depressions or ruts in the crown or slope.	38.197248 ° -121.683670 °	38.196687 ° -121.692757 °	22		
17	3.69	3.70	Earthen Levee	Erosion / Bank Caving	WS M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.196982 ° -121.688350 °	38.196850 ° -121.688542 °	10		
											DWR ID: DWR_RD0536_02_s_2012_10

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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	11/28/2012 11/28/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 536 Unit 2 looking downstream from levee mile 0.00. Photo taken 11-28-2012.	
phillips_f_20121206_476.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Unauthorized encroachment landside. Photo taken 11-28-2012.	
phillips_f_20121206_477.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.01
End Levee Mile	4.91
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 536, wild growth on waterside looking downstream. Photo taken 11-28-2012.	
phillips_f_20121206_474.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	11/28/2012 11/28/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.03
End Levee Mile	4.91
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 536, wild growth on landward shoulder and slope, can't see the levee section. Photo taken 11-28-2012.	
phillips_f_20121206_475.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.04
End Levee Mile	0.10
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at the waterside shoulder and slope. Photo taken 4-24-2012.	
phillips_f_20120911_216.jpg	



Levee Mile Report Line	13
Start Levee Mile	2.22
End Levee Mile	2.98
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Looking downstream along levee mile 2.22-2.95 at the crown roadway. Photo taken 4-24-2012.	
phillips_f_20120911_219.jpg	



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+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement